

Description of Request: Provide an earmark of \$5 million for helicopter modernization. The UH-60 Black Hawk helicopter is an essential capability of the National Guard. It provides units in every State with a multi-mission aircraft for search & rescue, utility lift, disaster relief and medical evacuation. The Army National Guard (ARNG) is authorized 782 Black Hawk aircraft, but is short of this authorization by almost 100 aircraft. This shortage requires ARNG units to loan or transfer Black Hawks in support deployments, training or State missions, resulting in a higher usage rate of available airframes. Additionally, more than 500 of the 782 National Guard aircraft are older UH-60A models, with an average age of approximately 25 years. The Army is procuring over 1,200 UH-60M Black Hawks for utility, special operations and MEDEVAC missions to replace the aging UH-60A from operational units by 2016. The Army acquired 33 UH-60M Black Hawks by the end of FY07, and from FY09 to FY13, the Army plans to procure an additional 300 UH-60M Black Hawks (70 of those aircraft are programmed for ARNG units). However, without an accelerated procurement of the UH-60M, the Army National Guard will be operating more than 400 UH-60A helicopters beyond 2020. The ARNG and the Active Army developed a program to support the continued modernization of the ARNG Black Hawk fleet. Unfortunately, this program is not fully funded. The ARNG plan is to accelerate the fielding of UH-60M Black Hawks by 10 aircraft per year. Although the Active Army has programmed UH-60A recapitalization for the ARNG with Operations and Maintenance (O&M) funds, which includes an airframe life extension, fleet-wide product improvements and the replacement of components, the UH-60A to L upgrade is not funded. The UH-60L Black Hawk is more economical to operate and has 1,000 lbs. of additional lift than the UH-60A. The desired rate of UH-60A to L upgrades is 38 per year. Funding the UH-60A to L upgrade will significantly improve the Black Hawk fleet, and assure that ARNG units are ready, deployable, and available to protect our national interests both abroad and at home. This ARNG aviation initiative has been identified by the Chief of the National Guard Bureau (CNGB) as FY09 "Essential 10—Top 25" unfunded priorities.

EARMARK DECLARATION

HON. LAMAR SMITH

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Tuesday, May 20, 2008

Mr. SMITH of Texas. Madam Speaker, I submit the following:

Requesting Member: Congressman LAMAR SMITH.

Bill Number: H.R. 5658.

Account: Department of Defense, Air Force RDT&E (R-1 Line #8), 0602102F Materials.

Legal Name of Requesting Entity: The University of Texas at Austin.

Address of Requesting Entity: 1 University Station C2200, Austin, TX 78712.

Description of Request: The requested funds will be used to establish a research and educational program for enhancing U.S. competitiveness in Intelligent Manufacturing. Intelligent Manufacturing requires the integration of

physics based models, state-of-the-art analysis and control, and advanced materials to develop the next generation of manufacturing processes and systems. The initial thrust will be on small lot and rapid response intelligent manufacturing that is critical to national defense, infrastructure, energy, medical products and other key areas of the U.S. manufacturing base. This project will increase the manpower, manufacturing technology, and know-how available to support quick response, high-technology precision manufacturing and will provide an important competitive advantage for U.S. producers using Intelligent Manufacturing. Texas and Ohio rank 2nd and 3rd in terms of manufacturing jobs in the U.S., with the three states employing 23 percent of the total U.S. manufacturing workforce. Many key defense industries are located in these states and all three campuses have strong ties to the defense laboratories, defense manufacturing, and critical commercial manufacturing entities (aerospace, electronics, energy, and others).

EARMARK DECLARATION

HON. W. TODD AKIN

OF MISSOURI

IN THE HOUSE OF REPRESENTATIVES

Tuesday, May 20, 2008

Mr. AKIN. Madam Speaker, in accordance with House Republican Conference standards, and Clause 9 of Rule XXI, I submit the following member requests for the record regarding H.R. 5658, the National Defense Authorization Act of 2009.

Project: C-17A Globemaster aircraft
Account: Aircraft Procurement, Air Force
Legal Name of Requesting Entity: The Boeing Company

Address of Requesting Entity: 1200 Wilson Blvd, Arlington, VA 22209

Description of Request: Per Air Force Unfunded Priority List (UPL) #6, C-17 (+15 aircraft), \$3.9B. procures 15 C-17s, keeping only active strategic airlift production line open. The C-17 is the world's most effective and flexible strategic/tactical airlifter. The C-17 has revolutionized the movement of troops and equipment into battle by allowing their delivery to parts of the world that was previously not accessible by conventional airlifters. Additional C-17s are essential to the warfighter.

Project: Hyperspectral Imaging for Improved Force Protection (HYPER-IFP)

Account: Army RDT&E, (CERDEC, NVESD, Special Projects)

Legal Name of Requesting Entity: Clean Earth Technologies, LLC.

Address of Requesting Entity: 13378 Lakefront Drive, Earth City, MO, USA

Description of Request: Provide \$5,400,000 to complete the design, assembly, integration, test and evaluation of the Hyperspectral Integrated Force Protection sensor system (Hyper-IFP). Approximately 40% will be used for engineering development modeling and simulation; 30% will be used for subsystems assembly and testing; 15% will be used for system integration and ground testing; 15% will be used for a deployed full system field test and evaluation. The request is consistent with the Army NVESD Special Projects office mission to develop advanced sensor systems that provide an operational advantage or that increase survivability of the warfighter. Tax-

payer value is substantially enhanced by dual/multi use capacity to serve a number of Homeland Security (DHS) missions in addition to military force protection.

Project: Short Range Ballistic Missile Defense

Account: Defensewide RDT&E

Legal Name of Requesting Entity: LaBarge Corporation

Address of Requesting Entity: 9900 Clayton Road, St. Louis, Missouri 63124

Description of Request: \$10M over the President's request of \$44.9M to allow the program to get back on track for its planned 2010 IOC which will ensure US troops are protected as quickly as possible against the short range ballistic missile threat. This funding will allow the development team to accelerate design, development and testing that was lost due to past funding cuts; and will initiate concept development and risk reduction efforts to integrate the weapon into existing Army anti-missile systems. This request is consistent with the intended and authorized purpose of the Defensewide RDT&E account.

Project: Heuristic Internet Protocol Packet Inspection Engine

Account: Army, RDT&E.

Legal Name of Requesting Entity: TechGuard Security, LLC.

Address of Requesting Entity: 743 Spirit 40 Park Drive, Chesterfield, MO 63005.

Description of Request: \$3.5 million solely for the research, development and test of Heuristic Internet Protocol Packet Inspection Engine (HIPPIE). The advanced concept HIPPIE technology can be rapidly prototyped and deployed in a filtering appliance that sits in front of an existing firewall or router, and uses unique filtering algorithms to quickly classify large numbers of packets—i.e., the country of origin for an IP address—without using slow and CPU intensive rule sets. The objective of the program is to miniaturize the HIPPIE through the use of nanotechnology to the point where it can be placed on a chip and placed directly on a computer for offensive or defensive cyber warfare use.

Project: Mission Execution Technology Implementation.

Account: Army, RDT&E.

Legal Name of Requesting Entity: Westar Aerospace & Defense Group, Inc.

Address of Requesting Entity: 36 Research Park Court, St. Charles MO 63304, U.S.A.

Description of Request: Provide \$10,000,000 for technology improvements urgently needed by combat units in Operation Enduring Freedom and Operation Iraqi Freedom. This program will result in significant increases in mission effectiveness and safety for our war-fighters. Funding is required to continue development of enterprise-enabled, integrated Aviation tools and provide this ability to all Army Aviation systems to include UH-60 series, OH-58D, AH-64D, Fixed Wing and UAS systems. The complete integrated aviation solution includes implementing the automated maintenance test flight tool, automated weight and balance software, and integration with current logistics and Aviation Mission Planning systems. The Aviation community has consistently requested an enhanced, fully Automated Maintenance Test Flight Tool for in-cockpit use, eliminating manual and repetitive Maintenance Test Pilot tasks and significantly reducing the labor required to return aircraft to full service. This solution would also